TABLE OF CONTENTS

Volume 97

ARTICLES

J. J. HOLDEN, S. H. DERBYSHIRE and S. E. BELCHER / Tethered Balloon Observations of the Nocturnal Stable Boundary Layer in a Valley 1–24

R. W. MACDONALD / Modelling the Mean Velocity Profile in the Urban Canopy Layer 25–45

P. HÄGELI, D. G. STEYN and K. B. STRAWBRIDGE / Spatial and Temporal Variability of Mixed-Layer Depth and Entrainment Zone Thickness 47–71

C. J. P. P. SMEETS, P. G. DUYNKERKE and H. F. VUGTS / Turbulence Characteristics of the Stable Boundary Layer over a Mid-Latitude Glacier. Part II: Pure Katabatic Forcing Conditions 73–107

JINGBING XIAO, RICHARD BINTANJA, STEPHEN J. DÉRY, GRAHAM W. MANN and PETER A. TAYLOR / An Intercomparison among Four Models of Blowing Snow 109–135

Ü. RANNIK, M. AUBINET, O. KURBANMURADOV, K. K. SABELFELD, T. MARKKANEN and T. VESALA / Footprint Analysis for Measurements over a Heterogeneous Forest 137–166

A. R. BROWN and A. L. M. GRANT / Extensions to a Similarity Hypothesis for Shallow Cumulus Convection 173–190

O. KURBANMURADOV and K. SABELFELD / Lagrangian Stochastic Models for Turbulent Dispersion in the Atmospheric Boundary Layer 191–218

R. J. BROWN and B. L. SAWFORD / Probability Density Function Integrals and Small-Scale Mixing in Turbulent Plumes 219–249

K. BLÜMEL / An Approximate Analytical Solution of Flux-Profile Relationships for the Atmospheric Surface Layer with Different Momentum and Heat Roughness Lengths 251–271

ANNA MARIA SEMPREVIVA and SVEN-ERIK GRYNING / Mixing Height over Water and its Role on the Correlation between Temperature and Humidity Fluctuations in the Unstable Surface Layer 273–291

TIHOMIR S. HRISTOV, SCOTT D. MILLER and CARL A. FRIEHE / Linear Time-Invariant Compensation of Cup Anemometer and Vane Inertia 293–307

DAE SEONG KIM, GREG H. CHO and BRUCE R. WHITE / A Wind-Tunnel Study of Atmospheric Boundary-Layer Flow over Vegetated Surfaces to Suppress PM_{10} Emission on Owens (Dry) Lake 309–329

DONALD H. LENSCHOW, MINGYU ZHOU, XUBIN ZENG, LIANSHOU CHEN and XIANGDE XU / Measurements of Fine-Scale Structure at the Top of Marine Stratocumulus 331–357
F. LOHOU, A. DRUILHET, B. CAMPISTRON, J.-L. REDELSPERGER and F. SAÏD / Numerical Study of the Impact of Coherent Structures on Vertical Transfers in the Atmospheric Boundary Layer 361–383
FRIEDRICH OBLEITNER / The Energy Budget of Snow and Ice at Breidamerkurjökull, Vatnajökull, Iceland 385–410
VIJAYAKUMAR MANGHNANI, SETHU RAMAN, DEVDUTTA S. NIYOGI, VINAYAKA PARAMESWARA, JOHN M. MORRISON, S. V. RAMANA and J. V. S. S. RAJU / Marine Boundary-Layer Variability over the Indian Ocean during INDOEX (1998) 411–430
J. P. LHOMME, A. CHEHBOUNI and B. MONTENY / Sensible Heat Flux-Radiometric Surface Temperature Relationship over Sparse Vegetation: Parameterizing B^{-1} 431–457
EDGAR L ANDREAS, KERRY J. CLAFFEY and ALEKSANDR P. MAKSHTAS / Low-Level Atmospheric Jets and Inversions over the Western Weddell Sea 459–486
KYAW THA PAW U, DENNIS D. BALDOCCHI, TILDEN P. MEYERS and KELL B. WILSON / Correction of Eddy-Covariance Measurements Incorporating both Advective Effects and Density Fluxes 487–511
Erratum 167
Announcement 169
Volume Contents 513–514
Author Index 515
Subject Index 517
The 'KLUWER' LaTeX Style File 171, 359, 519
Instructions for Authors 521–526